Appetite

Determinants and Consequences of Eating and Drinking

Volume 14 Numbers 1–3 1990

Executive Editors:
David Booth · Stylianos Nicolaïdis
Judith Rodin · Paul Rozin · Albert Stunkard

ACADEMIC PRESS
Harcourt Brace Jovanovich, Publishers
London San Diego New York
Boston Sydney Tokyo Toronto

ISSN 0195-6663

Contents

Volume 14 Number 1, February 1990

Choosing a beverage: Comparison of preferences and beliefs related to the reported consumption of regular vs. diet sodas
H. TUORILA, R. M. PANGBORN and H. G. SCHUTZ 1–8

Differences in food choice frequencies between restrained and unrestrained eaters
R. J. TUSCHL, R. G. LAESSLE, P. PLATTE and K.-M. PIRKE . . 9–13

Effects of food snacks on cognitive performance in male college students
R. B. KANAREK and D. SWINNEY 15–27

Flavor preferences and fructose: evidence that the liver detects the unconditioned stimulus for calorie-based learning
M. G. TORDOFF, P. M. ULRICH and F. SANDLER 29–44

Development of eating behaviour and its relation to physical growth in normal-weight preschool children
H. NAKAO, H. AOYAMA and T. SUZUKI 45–57

Abstracts 59–76

Book Reviews 77–78

Volume 14 Number 2, April 1990

In Memoriam, Mauricio Russek 79

A Behavioral Economics Analysis of Food Choice in Humans
R. LAPPALAINEN and L. H. EPSTEIN 81–93

Heart Rate Changes During Consumption of Preferred and Non-preferred Food Under Amphetamine Treatment
E. FONBERG and K. KRASZEWSKI 95–104

From Dietary Restraint to Binge Eating: Some Theoretical Considerations
R. J. TUSCHL 105–109

Commentaries

Is Restraint the Culprit?
W. S. AGRAS 111–112

How Culture Undermines the Biopsychological System of Appetite Control
J. E. BLUNDELL 113–115

Dietary Restraint and Binge Eating: Pseudo-quantitative Anthropology for a Medicalised Problem Habit?
D. A. BOOTH, V. J. LEWIS and A. J. BLAIR 116–119

From Restraint to Bulimic Episodes: A Problem of Some Loose Connections?
P. J. COOPER and D. CHARNOCK 120–122

From Dietary Restraint to Binge Eating: Attaching Causes to Effects
C. P. HERMAN and J. POLIVY 123–125

Developing Concerns with Dietary Restraint: A Supplement to Tuschl
A. J. HILL 126–128

Dietary Restraint—A Useful Concept?
S. E. McCLUSKEY 129–130

Comments on Some Theoretical Considerations: Dietary Restraint to Binge Eating
J. TREASURE 131–132

Overeating: A Regulatory Behaviour in Restrained Eaters
J. WARDLE. 133–136

Some Restrictions on Dietary Restraint
J. WESTENHOEFER, V. PUDEL and N. MAUS 137–141

Response to Commentaries
R. J. TUSCHL 142–143

Development of Learned Food Aversions in Humans: Investigation in a "Natural Laboratory" of Cancer Chemotherapy
M. A. ANDRYKOWSKI and M. L. OTIS 145–158

Volume 14 Number 3, June 1990

What Do We Mean When We Say "Palatable Food"?
I. RAMIREZ 159–161

Commentaries
Some Suggestions on Dealing with Palatability—Response to Ramirez
H. R. KISSILEFF 162–166

Why a Palatability Construct is Needed
P. J. ROGERS 167–170

How Not to Think About Immediate Dietary and Postingestional Influences on Appetites and Satieties
D. A. BOOTH 171–179

Response to Commentaries
What Do We Mean When We Say Palatable Food: Conclusion
I. RAMIREZ 180

Angiotensin/Aldosterone Synergy Governs the Salt Appetite of the Pigeon
M. MASSI and A. N. EPSTEIN 181–192

Dietary Restriction Delays Gastric Emptying in Rats
P. H. ROBINSON and J. S. STEPHENSON 193–201

Invisible Fats: Sensory Assessment of Sugar/Fat Mixtures
A. DREWNOWSKI and M. SCHWARTZ 203–217

Diet Composition Alters the Acceptance of Fat by Rats
D. R. REED and M. I. FRIEDMAN 219–230

Book Reviews 231

Books Received 232

Calendar of Events 234

Index of Authors

Agras, W. W., Commentaries—Is restraint the culprit?, 111–112
Andrykowski, M. A., & Otis, M. L., Development of learned food aversions in humans: Investigation in a 'Natural Laboratory' of cancer chemotherapy, 145–158
Aoyama, H., *see* Nakao, H., 45–57

Blair, A. J., *see* Booth, D. A., 116–119
Blundell, J. E., Commentaries—How culture undermines the biopsychological system of appetite control, 113–115
Booth, D. A., Lewis, V. J., & Blair, A. J., Commentaries—Dietary restraint and binge eating: Pseudo-quantitative anthropology for a medicalised problem habit?, 116–119
Booth, D. A., Commentaries—How not to think about immediate dietary and postingestional influences on appetites and satieties, 171–179
Charnock, D., *see* Cooper, P. J., 120–122
Cooper, P. J., & Charnock D., Commentaries—From restraint to bulimic episodes: A problem of some loose connections?, 120–122
Drewnowski, A., & Schwartz, M., Invisible fats: Sensory assessment of sugar/fat mixtures, 203–217
Epstein, A. N., *see* Massi, M., 181–192
Epstein, L. H., *see* Lappalainen, R., 81–93
Fonberg, E., & Kraszewski, K., Heart rate changes during consumption of preferred and non-preferred food under amphetamine treatment, 95–104
Friedman, M. I., *see* Reed, D. R., 219–230
Herman, C. P., & Polivy, J., Commentaries—From dietary restraint to binge eating: Attaching causes to effects, 123–125
Hill, A. J., Commentaries—Developing concerns with dietary restraint: A supplement to Tuschl, 126–128
Kanarek, R. B., & Swinney, D., Effects of food snacks on cognitive performance in male college students, 15–27
Kissileff, H. R., Commentaries—Some suggestions on dealing with palatability—Response to Ramirez, 162–166
Kraszewski, K., *see* Fonberg, E., 95–104
Laessle, R. G., *see* Tuschl, R. J., 9–13
Lappalainen, R., & Epstein, L. H., A behavioral economics analysis of food choice in humans, 81–93
Lewis, D. A., *see* Booth, D. A., 116–119
Mans, N., *see* Westenhoefer, J., 137–141
McCluskey, S. E., Commentaries—Dietary restraint—A useful concept?, 129–130
Massi, M., & Epstein, A. N., Angiotensin/aldosterone synergy governs the salt appetite of the pigeon, 181–192
Nakao, H., Aoyama, H., & Suzuki, T., Development of eating behaviour and its relation to physical growth in normal-weight preschool children, 45–57
Otis, M. L., *see* Andrykowski, M. A., 145–158
Pangborn, R. M., *see* Tuorila, H., 1–8
Pirke, K.-M., *see* Tuschl, R. J., 9–13
Platte, P., *see* Tuschl, R. J., 9–13
Polivy, J., *see* Herman, C. P., 123–125
Pudel, V., *see* Westenhoefer, J., 137–141
Ramirez, I., What do we mean when we say 'Palatable Food'?, 159–161
Ramirez, I., Response to Commentaries—What do we mean when we say palatable food: Conclusion, 180
Reed, D. R., & Friedman, M. I., Diet composition alters the acceptence of fat by rats, 219–230
Robinson, P. H., & Stephenson, J. S., Dietary restriction delays gastric emptying in rats, 193–201
Rogers, P. J., Commentaries—Why a palatability construct is needed, 167–170
Russek, M., In Memoriam, 79
Sandler, F., *see* Tordoff, M. G., 29–44
Scutz, H. G., *see* Tuorila, H., 1–8
Schwartz, M., *see* Drewnowski, A., 203–217
Stephensen, J. S., *see* Robinson, P. H., 193–201
Suzuki, T., *see* Nakao, H., 45–57
Swinney, D., *see* Kanarek, R. B., 15–27
Tuorila, H., Pangborn, R. M., & Schutz, H. G., Choosing a beverage: Comparison of preferences and beliefs related to the reported consumption of regular vs. diet sodas, 1–8
Tordoff, M. G., Ulrich, P. M., & Sandler, F., Flavor preferences and fructose: evidence that the liver detects the unconditioned stimulus for calorie-based learning, 29–44
Treasure, J., Commentaries—Comments on some theoretical considerations: Dietary restraint to binge eating, 131–132
Tuschl, R. J., Laessle, R. G., Platte, P., & Pirke, K.-M., Differences in food choice frequencies between restrained and unrestrained eaters, 9–13
Tuschl, R. J., From dietary restraint to binge eating: Some theoretical considerations, 105–109
Tuschl, R. J., Response to commentaries, 142–143
Ulrich, P. M., *see* Tordoff, M. G., 29–44
Wardle, J., Commentaries—Overeating: A regulatory behaviour in restrained eaters, 133–136
Westenhoefer, J., Pudel, V., & Maus, N., Commentaries—Some restrictions on dietary restraint, 137–141

Copyright © 1990 by Academic Press Limited. ALL RIGHTS RESERVED. No part of this volume may be reproduced in any form, by photostat, microfilm, or any means, without written permission from the publishers.

Printed by Burgess Science Press, Rankine Road, Basingstoke, Hants